



13 January 2005  
File No. 28882-502

Boeing Realty Corporation  
4900 Conant Street, Building 1  
Long Beach, CA 90808

Attention: Mr. Brian Mossman

Subject: Field Data Report for the Lot 8 Phase I Amendment Well Installation  
Program, Former C-6 Facility, Los Angeles, California

Dear Mr. Mossman:

This letter summarizes and presented the field data collected during the installation of 18 reconnaissance amendment wells during the Lot 8 Phase I amendment well installation program conducted in August and September 2004 at the former C-6 facility in Los Angeles, California. The well drilling and installation program was performed following the *Implementation Plan for Lot 8 Groundwater Remediation Well Installation Program, Former Boeing C-6 Site, Los Angeles, California* prepared by Haley and Aldrich, Inc on 16 August 2004.

The following is a brief summary of our field activities:

- A total of 19 amendment wells (AWs) (8 B-Sand and 11 C-Sand AWs) were drilled and installed between 16 August and 3 September 2004 as Phase I of the AW installation program. 17 of the AWs were continuously cored from 50 ft below ground surface (bgs) to total depths of 85 ft (Upper B-Sand) and 115 ft (C-Sand) to assess the lithology across Lot 8.
- One of the C-Sand AWs (i.e., AW0022C) had a cracked screen and was subsequently destroyed by drilling out and grouting the borehole during Phase II of the installation program.
- One C-Sand AW (i.e., AW0026C) was installed without continuous coring using a wood plug inserted in the tip of the augers to assess this installation method for the full-scale program. However, during grouting activities this well filled with grout and was subsequently destroyed. A replacement well AW0026C was installed 5 ft southeast of the initial AW location. However, this AW was also found to be filled with grout and was also subsequently abandoned during Phase II of the installation program.
- The 16 remaining AWs were developed between 24 August and 8 September 2004 using the surge, bail and pump method. During the pumping stage of development, pressure transducers and data loggers were used to record water level data.
- Following development, water injection tests (WIT) were performed on eight of the Phase I AWs on 15 and 16 September 2004. During the WIT, the water levels within

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the AWs were monitored using a pressure transducer and data logger. Water levels in nearby AWS and existing monitoring wells were also measured at the start and end of the WIT.

- On 8 and 9 November 2004, Arcadis G&M, Inc. performed molasses amendment injection tests on four AWs. During these molasses injection tests, data logging transducers were placed in three of the AWs where amendment solution was injected, and in three nearby wells used as observation wells.

Documents relating to the Phase I AW Installation and testing program are included as attachments to this Field Data Report.

Please contact the undersigned at (619) 285-7102 if you have any questions or comments.

Sincerely,

**Haley and Aldrich, Inc.**



Paul R. Sones, R.G.  
Senior Hydrogeologist

**Attachments:**

Attachment A – Well Installation Permit

Attachment B – Pre-field Activities Checklist, Standard Work Practices, Incident Reporting Procedures, and Underground Service Alert Notification Form

Attachment C – Daily Field Reports for Well Installation and Well Development

Attachment D – AW Soil Boring Logs and Well Construction Records

Attachment E – Tailgate Safety Meeting Report, Site Access Log, and Record of Field Monitoring

Attachment F – Driller's Daily Reports

Attachment G – Well Development Records

Attachment H – Water Injection Testing (WIT) Daily Field Reports and WIT Test Forms

Attachment I – Transducer Data Files for Well Development, Water Injection Testing, and Arcadis' Molasses Injection Testing